

11. (New) The method for fast locating record on a data page in a database of claim 2, in which, said locating algorithm is dichotomizing locating algorithm.

12. (New) The method for fast locating record on a data page in a database of claim 3, in which, said locating algorithm is dichotomizing locating algorithm.

13. (New) The method for fast locating record on a data page in a database of claim 5, which is characterized in:

after finding the record, selecting records orderly from dir\_slot with the number of low to compare with the field structure, till the record next to this record is a up record up\_rec of the dir\_slot with the number of up; if the record is found during this process, finishing the search on this page; if the record is not found, turning to the next page to perform the same match.

Respectfully submitted,

WELSH & KATZ, LTD.

by

Eric D. Cohen

  
Registration No. 38,110

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WELSH & KATZ, LTD.  
120 South Riverside Plaza  
22<sup>nd</sup> Floor  
Chicago, Illinois 60606-3912  
Telephone: (312) 655-1500  
Facsimile: (312) 655-1501